



03-20-03

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PTO/SB/Z1 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/057,519	
	Filing Date	01/24/02	
	First Named Inventor	ROBIN S. GRAY	
	Art Unit	3763	
	Examiner Name	ROZ GHAFORIAN	
Total Number of Pages in This Submission	21	Attorney Docket Number	

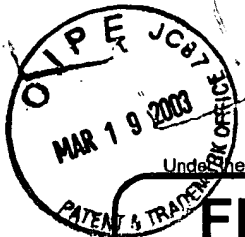
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div>Remarks</div> <div><b>RECEIVED</b> <b>MAR 27 2003</b> TECHNOLOGY CENTER R3700</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	ROBIN S. GRAY REG. NO.: 48,093
Signature	<i>Robin S. Gray</i>
Date	03-19-2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 03-19-2003			
Typed or printed	ROBIN S. GRAY REG. NO. 48,093		
Signature	<i>Robin S. Gray</i>	Date	03-19-2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)  
**54.00**

## Complete if Known

Application Number **10/057,519**  
Filing Date **01/24/02**  
First Named Inventor **ROBIN S. GRAY**  
Examiner Name **ROZ GHAFORIAN**  
Art Unit **3763**  
Attorney Docket No.

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims **26** - 20\*\* = **6** X **9** = **54**  
Independent Claims **0** - 3\*\* = **0** X **0** = **0**  
Multiple Dependent **0** = **0**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)  
**54**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

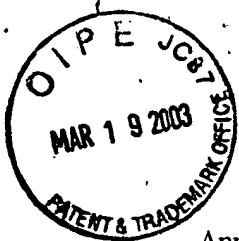
## SUBMITTED BY

Name (Print/Type) **ROBIN S. GRAY** Registration No. **48,093** Telephone **(410) 418-4754**  
Signature **Robin S. Gray** (Attorney/Agent) Date **03-19-2003**

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robin S. Gray

Group Art Unit: 3763

Serial Number: 10/057,519

Preliminary Classification: 604

Filing Date: January 24, 2002

Examiner: Roz Ghafoorian

Title: SYRINGE AND METHOD OF USING

Date: March 19, 2003

RESPONSE TO ELECTION REQUIREMENT

Honorable Commissioner for Patents  
Washington, D.C. 20231

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MAR 27 2003  
TECHNOLOGY CENTER R3700

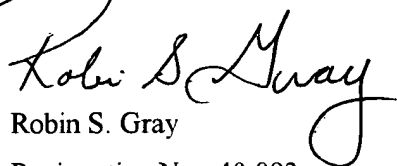
S I R:

In response to the Restriction Requirement mailed February 21, 2003 on the above-identified application, Applicant hereby elects Species A, Figures 1-2, claims 1, 4, 7, 8, 13, 15, 16, 17, and new claims 21-26 with traverse. Applicant's traversal is on the grounds that the species recited in the Restriction Requirement are not properly grouped. The species are in effect as follows:

Species	Figures	Claims Readable on Species	Pages at which Species Supported in Specification	Description of Species
Species A	1 and 2	1, 4, 7, 8, 13, 15, 16, 17, 21-26	Page 31, lines 9-16	Syringe with corrugated sheath
Species B	3 and 4	2, 5, 9, 10, 14	Page 31, lines 17-21	Syringe having straight and corrugated barrel segments
Species C	5, 6a, 6b	3, 6, 11, 12, 18, 19	Page 32, lines 3-13	Syringe having mating concentric plunger and syringe barrels
Species D	7, 8a, 8b	3, 6, 11, 12, 18, 19	Page 32, lines 14-22	Syringe having concentric syringe barrels and mating plunger member
Species E	9, 10, 11	20	Page 33, lines 3-12	Contaminant shield molded in syringe barrel cavity
Species F	12	20	Page 33, lines 13-16	Threaded end-cap contaminant shield
Species G	13a	20	Page 33, lines 17-20	End-cap with lip or flange
Species H	13b	20	Page 33, lines 21-23	End-cap without extending wall

The claims readable on each of Species A-H and the corresponding support describing each of the Species A-H, as provided by the specification, is set forth above. It is noted that claims 3, 6, 11, 12, 18, and 19 are generic to Species C and D and Claim 20 is generic to Species E, F, G, and H. New claims 21-26 are readable on the elected Species A. Applicant respectfully requests that the Examiner kindly reconsider the originally proposed Restriction Requirement in view of Applicant's Species grouping of the original and newly submitted claims. It is believed that this response is complete and addresses the Restriction Requirement and provides rational basis for the traversal.

Respectfully submitted,

  
Robin S. Gray  
Registration No.: 48,093

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Robin S. Gray

Applicant

Signature

March 19, 2003

Date of Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robin S. Gray

Group Art Unit: 3763

Serial Number: 10/057,519

Preliminary Classification: 604

Filing Date: January 24, 2002

Examiner: Roz Ghafoorian

Title: SYRINGE AND METHOD OF USING

Date: March 19, 2003

PRELIMINARY AMENDMENT

Honorable Commissioner for Patents  
Washington, D.C. 20231

S I R:

Prior to examination on the merits of the above-identified application, please amend the application as follows:

**A) Amendments to the claims:**

Claim 1 (original): A syringe comprising:

- a) a hollow syringe barrel;
- b) a plunger member;
- c) said plunger member comprising a plunger shaft and piston; and
- d) a corrugated sheath enclosing and encircling a portion of said plunger shaft.

Claim 2 (original): A syringe comprising:

- a) a hollow syringe barrel comprising a straight segment and a corrugated segment;
- b) a plunger member; and
- c) said plunger member comprising a plunger shaft and piston.

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